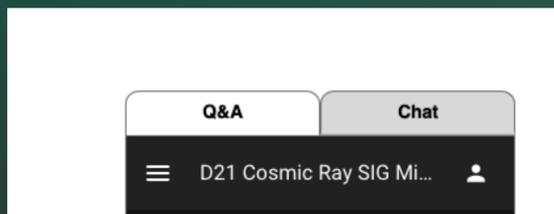


D21: Cosmic ray SIG Mini-symposium

Chair: Marcos Santander
1:30 - 3:18 PM CDT

Adhere to the APS Code of Conduct.



During the session, please enter your questions in the **“Q&A” tab** of the chat box located on the right of the screen. Do not enter questions for the presenter in the “Chat” tab of the chat box. **Ask questions early (20 s delay)**



To network with the presenters after the session, click the “Join After Session Networking” button located on the lower left side of your screen.

CR-SIG: Introduction

Marcos Santander (UAlabama), Andres Romero-Wolf (NASA JPL)

APS April 2021 meeting - CR-SIG Mini-symposium





Cosmic Ray Science Interest Group

The goals of the Cosmic Ray Science Interest Group (CRSIG) are to provide quantitative metrics and assessments to NASA in regard to current and future needs of the cosmic-ray astrophysics community and to act as a focal point and forum for the cosmic ray community.

CRSIG will work towards producing a white paper covering:

- the major open science questions
- a brief survey of the current and planned, US and International, space and ground-based projects—their energy coverage (from about 10^8 eV to 10^{12} eV), sky coverage, and particle type coverage (electrons, positrons, nucleons, anti-nucleons, nuclei, anti-nuclei, neutrinos, and new particles)
- a survey of the state-of-the-art capabilities, the next generation technology needs, and potential science return from new technologies and capabilities
- a vision for the future of cosmic ray science in space

The CRSIG is open to all members of the community.

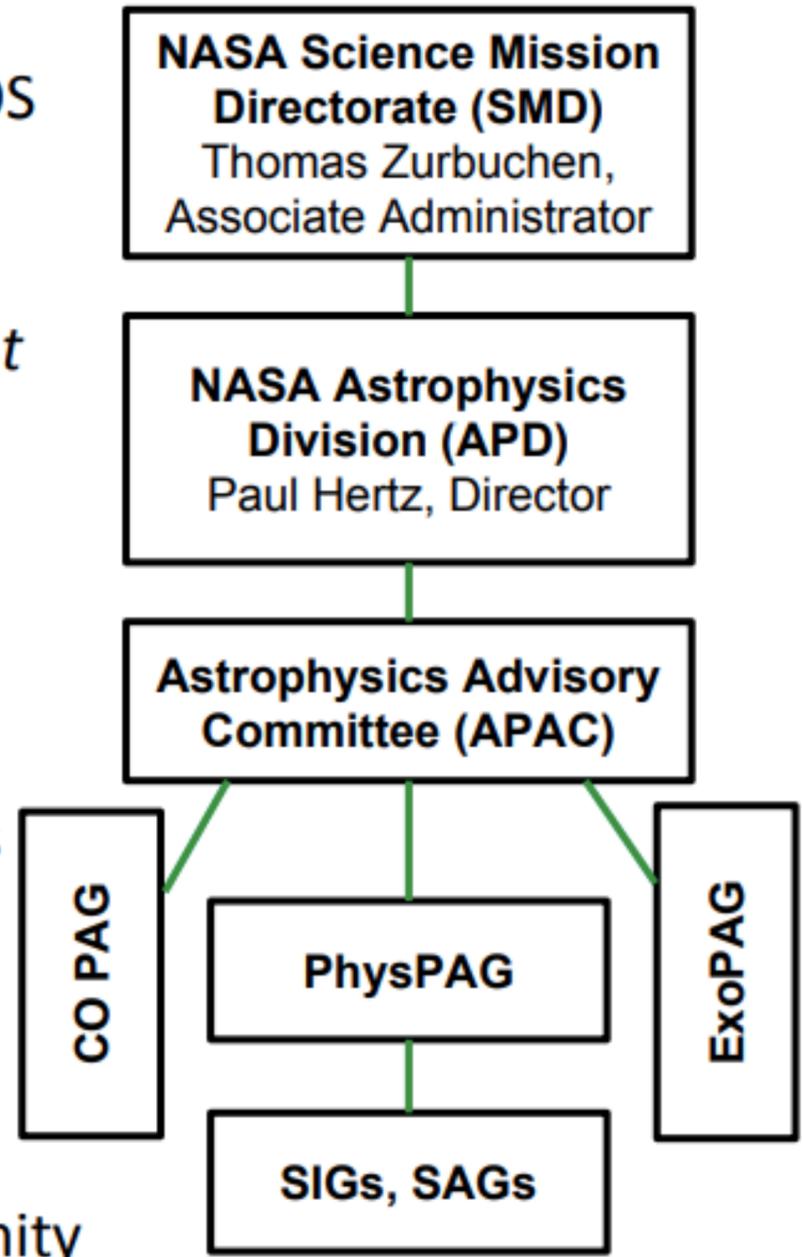
PCOS News
Program News and Announcements

25 March 2019
NASA HQ Astrophysics Division has created a task force to assess NASA's role in strategic optimization of Gravitational Wave Electromagnetic Counterpart (GW-EM) astrophysics. See the [Terms of Reference](#) for

- From our webpage
 - The goals of the Cosmic Ray Science Interest Group (CRSIG) are to provide quantitative metrics and assessments to NASA in regard to current and future needs of the cosmic-ray/astroparticle community and to act as a focal point and forum for the cosmic ray community.
- Join our **mailing list!** (info in the webpage)
- Chairs: **Marcos Santander** (U Alabama), **Andres Romero-Wolf** (JPL)

- <https://pcos.gsfc.nasa.gov/signs/crsig.php>

Communication Network:



- Provide input to NASA relevant to the Physics of the Cosmos program.
- **We want to hear from you:**
 - What have you found useful? SIGs / SAGs? Professional discussions? White paper preparation?
 - What would you like to see more/less of?
 - What do you need from NASA?
 - What are your concerns?
- You can reach us via email, come talk to us!

Recent and upcoming CR-SIG events



- **Recent mini-symposia at APS / AAS meetings**
 - 2019 April APS
 - Multi-messenger session (with GW and GR-SIGs) at Winter 2021 AAS meeting
 - 2021 April APS
- **Events in the works**
 - Session at Winter AAS
 - CR-SIG webinars